(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 15 September 2005 (15.09.2005)

PCT

(10) International Publication Number $WO\ 2005/084529\ A3$

- (51) International Patent Classification7: A61B 5/00, 18/14
- (21) International Application Number:

PCT/DK2005/000146

- **(22) International Filing Date:** 3 March 2005 (03.03.2005)
- (25) Filing Language: Danish
- (26) Publication Language: English
- (30) Priority Data:

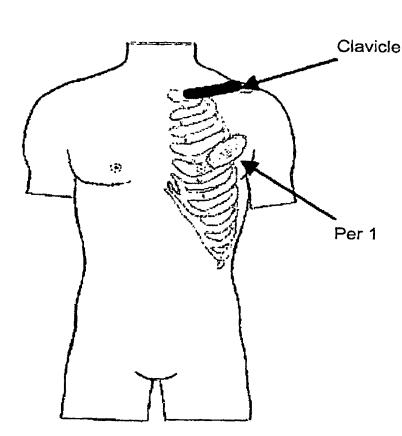
PA 2004 00359 3 March 2004 (03.03.2004) DK PA 2004 00550 5 April 2004 (05.04.2004) DK

- (71) Applicant (for all designated States except US): STRESS-METER A/S [DK/DK]; Lemchesvej 1, DK-2900 Hellerup (DK).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BALLEGAARD, Søren [DK/DK]; Lemchesvej 1, DK-2900 Hellerup (DK).

- (74) Agent: INSPICOS A/S; Bøge Allé 5, P.O. Box 45, DK-2970 Hørsholm (DK).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: METHOD OF DETERMINING THE SYMPATHETIC TONE AND SYSTEM FOR MEASUREMENT THEREOF



(57) Abstract: The invention relates to a method of determining the sympathtic tone including the steps of: measuring an applied stimulation at a threshold value of the stimulation in one or more sympathetic tone-neutral points and meusuring an applied stimulation at the same threshold value in one or more sympathetic tone-dependent points. The invention further relates to a system for applying and measuring a stimulation, and the use of a system for applying and measuring a stimulation for determining the sympathetic tone including the steps of: measuring an applied stimulation at a threshold value of the stimulation at one or more sympathetic tone-neutral points and measuring an applied stimulation at the same threshold value of the stimulation at one or more sympathetic tone-dependent points.

WO 2005/084529 A3



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:

3 November 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.